

Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer **MAZDA**
102. Commercial name(s) - Model and type **3 MPS BL**
103. Engine capacity **2261** cm³ Corrected engine capacity **2261 x 1.7 = 3844** cm³
104. Type of car construction
- | | | |
|---------|---|---|
| a) Type | <input type="checkbox"/> separate chassis | <input checked="" type="checkbox"/> monocoque |
|---------|---|---|
- b) Material of chassis / bodyshell **STEEL**
106. Number of seats **5**

2. DIMENSIONS, WEIGHT

- Minimum Racing Weight **1432** kg
202. Overall length **4505** mm ± 1 %
203. Maximum overall width **2000** mm ± 1 % Where measured **EXTERNAL MIRRORS**
204. Width of bodywork
- | | |
|------------------|----------------------|
| a) At front axle | 1770 mm ± 1 % |
| b) At rear axle | 1750 mm ± 1 % |
206. Wheelbase **2640** mm ± 1%
207. Maximum track
- | | | | |
|----------|----------------|---------|----------------|
| a) Front | 1535 mm | b) Rear | 1520 mm |
|----------|----------------|---------|----------------|

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3. ENGINE (In case of rotary engine, see Art. 335 on additional form)

301. Location and position of the engine **FRONT, TRANSVERSE**

302. Number of mounts **3**

Engine in its compartment



304. Supercharging

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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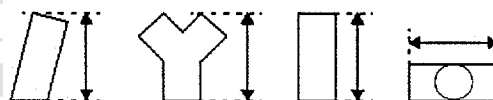
Maximum manifold pressure **1.1 BAR**

Type and number of compressors **TURBINE, 1**

305. Number and layout of cylinders **4**

312. Cylinder block material **ALUMINIUM**

310. Maximum compression ratio **9.5 : 1**



<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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313. Sleeves

a) yes no

b) Material **XXXX**

c) wet dry

314. Bore **87.5** +/- 0.1 mm

316. Stroke **94.0** +/- 0.1 mm

321. Cylinderhead

a) Number **1**

b) Material **ALUMINIUM**

324. Fuel feed by injection : a) Make _____

b) Model _____

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft

a) Number **2**

b) Location **CYLINDER HEAD**

c) Drive system **CHAIN**

f) Type of valve operation **OVERHEAD BUCKET & SHIM**

327. Intake

a) Material of manifold **ALUMINIUM**

b) Number of manifold elements **1**

c) Number of valves per cylinder **2**



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328. Exhaust

- a) Material of manifold **STEEL**
- b) Number of manifold elements **1**
- c) External Diameter of exhaust pipe between manifold and first silencer **79** mm ± 5%
- d) Number of valves per cylinder **2**

330. Ignition system

- a) Type **ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **XXXX**
- d) Number of coils **4**

331. Cooling system

Capacity **7.5** L

332. Cooling fan

- a) Number **1**
- b) Diameter of the fan **390** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **7**
- e) Type of drive **ELECTRIC**
- f) Automatic cut in

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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333. Lubrication system

- a) Type _____
- b) Number of oil pumps **1**
- c) Total capacity **6.4** L
- d) Location of the cooler(s) _____
- e) Type of the cooler(s) _____

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **REAR**
- d) Total capacity **60**L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Elelectrical	<input type="checkbox"/> Mechanical
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- b) Number _____
- d) Location _____
- Fuel Pressure _____

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type _____
- c) Drive system **MULTI RIB V-BELT**
- d) Nominal power **110** Amp

503. Retractable headlights

- a)

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- b) Control system _____

6. POWER TRAIN

601. Driven wheels

- front

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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- rear

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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602. Clutch

- a) Type **DIAGRAM**
- b) Control system **HYDRAULIC**



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603. Gearbox

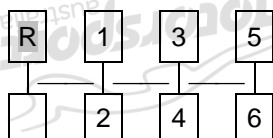
a) Location **ENGINE BAY** b) Make **MAZDA**

c) Type and location of control **CABLE FLOOR SHIFT**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	3.214	_____	_____
2	_____	1.913	_____	_____
3	_____	1.366	_____	_____
4	_____	1.025	_____	_____
5	_____	0.948	_____	_____
6	_____	0.790	_____	_____
R	_____	3.456	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate



604. Transfer box / Centre differential

a) Ratios

XXXX

c) Control system of transfer box

XXXX

d) Type of central differential

XXXX

605. Final drive

a) Type of final drive

	Front	Rear
a) Type of final drive	_____	XXXX
b) Ratio	4.187(1ST-4TH) & 3.526(5TH-6TH)	XXXX
f) Oil Cooler	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
g) Cooler Type	_____	XXXX

606. Shafts

a) Type of longitudinal shafts

XXXX

b) Material of longitudinal shafts

XXXX

c) Type of transversal half-shafts

CONSTANT VELOCITY

d) Material of transversal half-shafts

STEEL



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7. SUSPENSION

701. General

	Front	Rear
a) Type of suspension	<u>MCPHERSON STRUT</u>	<u>MULTI-LINK</u>
702. Helical springs	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
a) Material	<u>STEEL</u>	<u>STEEL</u>
703. Leaf springs	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	<u>XXXX</u>	<u>XXXX</u>
704. Torsion bars	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	<u>XXXX</u>	<u>XXXX</u>

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	<u>26.0</u> mm	<u>25.0</u> mm
c) Material	<u>STEEL</u>	<u>STEEL</u>

707. Suspension Dampers

	Front	Rear
a) Number per wheel	<u>1</u>	<u>1</u>
b) Type	<u>TELESCOPIC</u>	<u>TELESCOPIC</u>
c) Principle of operation	<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	<u>18"</u>	<u>18"</u>
b) Width	<u>7.5"</u>	<u>7.5"</u>
c) Offset	<u>+52</u> mm	<u>+52</u> mm

803. Brakes

a) Braking system

HYDRAULIC - ABS

b) Number of master cylinders

1



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c) Servo-brakes

yes no

c1) Make and type

VACUUM

	Front	Rear
e) Number of cylinders per wheel	_____	_____
f) Drum brakes		
f1) Internal diameter	<u>XXXX</u>	<u>XXXX</u>
f2) Number of linings per wheel	<u>XXXX</u>	<u>XXXX</u>
g) Disc brakes		
g1) Number of pads per wheel	<u>2</u>	<u>2</u>
g2) Number of calipers per wheel	<u>1</u>	<u>1</u>
g3) Caliper material	<u>ALUMINIUM</u>	<u>ALUMINIUM</u>
g4) Thickness of new disc	<u>25 ± 1 mm</u>	<u>11 ± 1 mm</u>
g5) External diameter of the disc	<u>320 ± 1.5 mm</u>	<u>280 ± 1.5 mm</u>
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

h) Parking brake: h1) Control system

MANUALLY OPERATED LEVER

h2) Location of lever

FRONT TUNNEL

Front Rear

804. Steering

a) Type

Front		Rear	
RACK & PINION		<u>XXXX</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
ELECTRO-HYDRAULIC		<u>XXXX</u>	

b) Servo-assistance

Type of Assistance

9. BODYWORK

901. Interior

a) Ventilation

yes no

c) Air Conditioning

yes no

b) Heating

yes no

f) Optional sun roof

yes no

f1) Type

f2) Control system

g) Opening system for side windows

Front	Rear
ELECTRIC	ELECTRIC

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X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors **4**

b) Tailgate

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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Front	Rear
<u>STEEL</u>	<u>STEEL</u>

c) Door material

d) Front bonnet material

STEEL

e) Rear bootlid / tailgate material

STEEL

f) Bodywork material

STEEL

h) Rear window material

GLASS

i) Rear quarter window material

GLASS

Front	Rear
<u>GLASS</u>	<u>GLASS</u>
<u>PLASTIC</u>	<u>PLASTIC</u>

k) Side window material

l) Material of bumper

n) Exterior Rear wiper

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
1	Rear Wing	Plastic
2	Side skirts	Plastic
3	Headlights	Plastic
4	Taillights	Plastic
5	External mirrors	Plastic
6	Bonnet air intake	Plastic

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Drawing / photo required



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COMPLEMENTARY INFORMATION

